

TIGEX 100 - Draught Stabiliser

Installation instruction

Flue draught stabilisers are intended to ensure proper draught conditions and to reduce the risk of condensation in chimneys. The installer or property owner should confirm that the intended draught conditions are achieved. The Tigex 100 is designed to seal tight, preventing leakage of smoke gases during overpressure, which usually occurs during burner start up. The Tigex 100 is mounted by using different adapters, which include solutions for round single skin flue pipes on Ø 80, 90, 100, 110, 120 mm. Other adapters available (ask factory). On installations where the adapter is removable, use non-combustible seal. In permanent installations the adapter is to be sealed to the flue pipe with boiler putty.

Mounting

Tigex 100 is to be installed with the axel in horizontal position and the housing in vertical position (Fig 1). Check that the draught stabiliser door/flap moves freely to a fully opened position. The flap shall not open into the smoke gas flow of the flue pipe.

Fig. 1

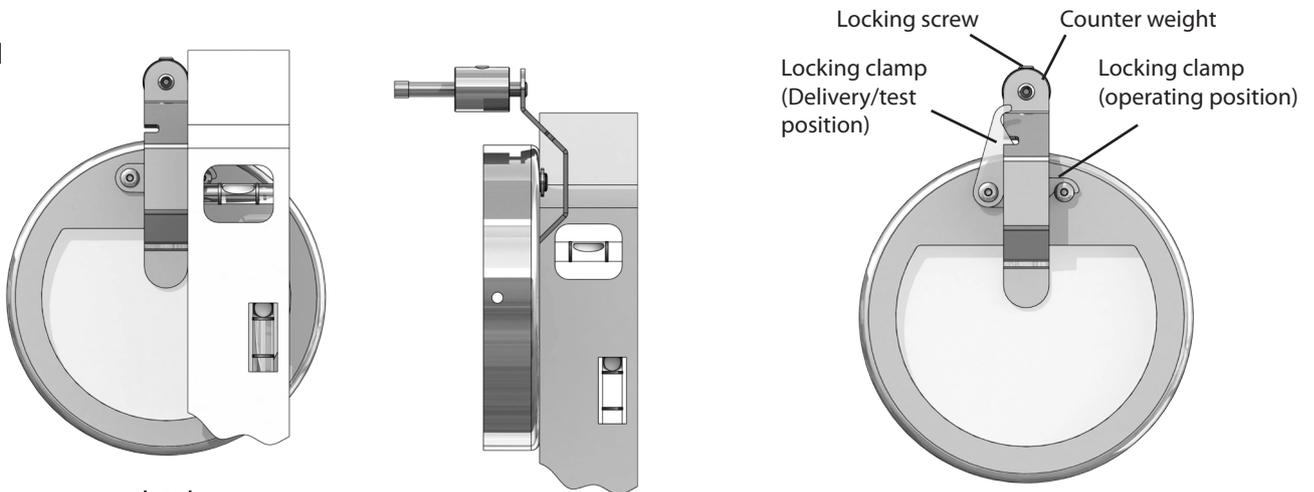
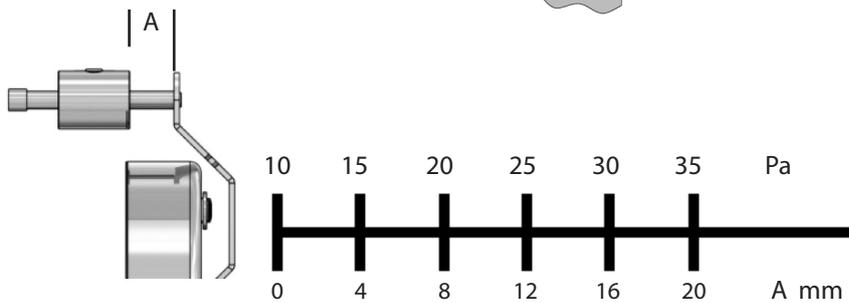


Fig. 2



General settings:	
Oil boiler:	10 Pa
Pellets boiler:	15 Pa
Wood Boiler:	17-25 Pa

Adjustment of negative pressure (Fig. 2)

Adjustment of the negative pressure which opens the flap is done by loosening the locking screw of the counter weight, moving the counter weight to the desired position indicated by the Pa table. When the counter weight is in the correct position, tighten the locking screw and check the distance once more. As the values in the table are theoretical, the draught (negative pressure) shall be checked with a draught indicator. The standard factory setting is 15 Pa.

Function

The Tigex 100 will open to different degrees depending on the setting and the amount of draught in the chimney. The draught will vary depending on chimney design, weather conditions or if the burner is running or not. As draught conditions will vary considerably between different installations, it is necessary to determine the negative pressure and need for ventilation on a case by case basis.

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Important!

Please observe and comply with any local laws and regulations.